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RAW SEQUENCE LISTING

DATE: 04/14/2003

PATENT APPLICATION: US/09/922,449B

TIME: 14:46:16

Input Set : A:\EP.txt

Output Set: N:\CRF4\04142003\I922449B.raw

3 <110> APPLICANT: BioInside Gesellschaft fur Biodiagnostik, Auftragsforschung und Consulting
 4 mbH
 6 <120> TITLE OF INVENTION: Test kit and method for quantitatively detecting genetically modified DNA
 7 in foodstuff by means of fluorescent-coupled PCR
 9 <130> FILE REFERENCE: 101215-68
 11 <140> CURRENT APPLICATION NUMBER: 09/922,449B
 12 <141> CURRENT FILING DATE: 2001-08-03
 14 <150> PRIOR APPLICATION NUMBER: PCT/EP00/009835
 15 <151> PRIOR FILING DATE: 2000-02-07
 17 <150> PRIOR APPLICATION NUMBER: DE 199 06 169.6
 18 <151> PRIOR FILING DATE: 1999-02-08
 20 <160> NUMBER OF SEQ ID NOS: 25
 22 <170> SOFTWARE: PatentIn version 3.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 240
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Artificial
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Description of Artificial Sequence: Roundup soy gene (RRS gene)
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 33 gtccttcaaaag caagtggatt gatgtgatat ctccactgac gtaagggatg acgcacaatc 60
 35 ccactatcct tcgcaagacc ctctctctat ataaggaagt tcatttcatt tggagaggac 120
 37 acgctgacaa gctgactcta gcagatcttt caagaatggc acaaattaac aacatggctc 180
 39 aagggatata aacctttaat cccaattcca atttccataa accccaagtt cctaaatctt 240
 42 <210> SEQ ID NO: 2
 43 <211> LENGTH: 24
 44 <212> TYPE: DNA
 45 <213> ORGANISM: Artificial
 47 <220> FEATURE:
 48 <223> OTHER INFORMATION: Description of Artificial Sequence: probe
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 54 <210> SEQ ID NO: 3
 55 <211> LENGTH: 21
 56 <212> TYPE: DNA
 57 <213> ORGANISM: Artificial
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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 63 catttggaga ggacacgctg a 21
 66 <210> SEQ ID NO: 4

67 <211> LENGTH: 23
68 <212> TYPE: DNA

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69 <213> ORGANISM: Artificial
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
74 <400> SEQUENCE: 4
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78 <210> SEQ ID NO: 5
79 <211> LENGTH: 24
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Description of Artificial Sequence: probe
86 <400> SEQUENCE: 5
87 cttcaccttc tatgcccctg acac 24
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 22
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
98 <400> SEQUENCE: 6
99 gccctctact ccacccccat cc 22
102 <210> SEQ ID NO: 7
103 <211> LENGTH: 23
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
110 <400> SEQUENCE: 7
111 gaaggcaagc ccatctgcaa gcc 23
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 142
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: target IAC DNA for the
RRS gen
122 <400> SEQUENCE: 8
123 catttggaaga ggacacgctg aggacgttcg ccaattttcg cctcccacgt ctcaccgagc 60
125 gtggtgttta cgaagggtttt acgttttccc gtatcccctt tcgttttcat ccagtctttc 120
127 atggctcaag ggatacaaac cc 142
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 21
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Description of Artificial Sequence: probe
138 <400> SEQUENCE: 9
139 tcgcctccca cgtctcaccg a 21
142 <210> SEQ ID NO: 10
143 <211> LENGTH: 150

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144 <212> TYPE: DNA
 145 <213> ORGANISM: Artificial
 147 <220> FEATURE:
 148 <223> OTHER INFORMATION: Description of Artificial Sequence: reference IAC DNA for
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 149 gen
 151 <400> SEQUENCE: 10
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 154 cgtggtgttt acgaagggtt tacgttttcc cgtatcccct ttcgttttca tccagtcttt 120
 156 gacaatcggc ttgcagatgg gcttgccttc 150
 159 <210> SEQ ID NO: 11
 160 <211> LENGTH: 250
 161 <212> TYPE: DNA
 162 <213> ORGANISM: Artificial
 164 <220> FEATURE:
 165 <223> OTHER INFORMATION: Description of Artificial Sequence: lectin gene
 167 <400> SEQUENCE: 11
 168 gggaaagtta caactcaata aggttgacga aaacggcacc ccaaaaccct cgtctcttgg 60
 170 tcgcgccctc tactccaccc ccatccacat ttgggacaaa gaaaccggta gcgttgccag 120
 172 cttegccgct tccttcaact tcaccttcta tgcccctgac acaaaaaggc ttgcagatgg 180
 174 gcttgccttc tttctgcac caattgacac taagccacaa acacatgcag gttatcttgg 240
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 179 <210> SEQ ID NO: 12
 180 <211> LENGTH: 21
 181 <212> TYPE: DNA
 182 <213> ORGANISM: Artificial
 184 <220> FEATURE:
 185 <223> OTHER INFORMATION: Description of Artificial Sequence: probe
 187 <400> SEQUENCE: 12
 188 atgtccacca ggcccagcac g 21
 191 <210> SEQ ID NO: 13
 192 <211> LENGTH: 21
 193 <212> TYPE: DNA
 194 <213> ORGANISM: Artificial
 196 <220> FEATURE:
 197 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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 203 <210> SEQ ID NO: 14
 204 <211> LENGTH: 20
 205 <212> TYPE: DNA
 206 <213> ORGANISM: Artificial
 208 <220> FEATURE:
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 215 <210> SEQ ID NO: 15
 216 <211> LENGTH: 23
 217 <212> TYPE: DNA
 218 <213> ORGANISM: Artificial

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221 <223> OTHER INFORMATION: Description of Artificial Sequence: probe
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229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial
232 <220> FEATURE:
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236 cgctgtatca caagggctgg t                                     21
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240 <211> LENGTH: 20
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
247 <400> SEQUENCE: 17
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251 <210> SEQ ID NO: 18
252 <211> LENGTH: 136
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Description of Artificial Sequence: target IAC DNA for the
Bt-176
258     maize gen
260 <400> SEQUENCE: 18
261 cccatcgaca tcagcctgag cgttcgccaa ttttcgcctc ccacgtctca ccgagcgtgg      60
263 tgtttacgaa ggttttacgt tttcccgat cccctttcgt tttcatccag tcttttgcca      120
265 gtgggaagcc ttcctg                                     136
268 <210> SEQ ID NO: 19
269 <211> LENGTH: 136
270 <212> TYPE: DNA
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273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence: reference IAC DNA for
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275     176 maize gen
277 <400> SEQUENCE: 19
278 cgctgtatca caagggctgg tgttcgccaa ttttcgcctc ccacgtctca ccgagcgtgg      60
280 tgtttacgaa ggttttacgt tttcccgat cccctttcgt tttcatccag tcttttcact      120
282 ggctgcacct accgct                                     136
285 <210> SEQ ID NO: 20
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287 <212> TYPE: DNA
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298 <211> LENGTH: 21
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
305 <400> SEQUENCE: 21
306 ctgacgtaag ggatgacgca c
309 <210> SEQ ID NO: 22
310 <211> LENGTH: 24
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
317 <400> SEQUENCE: 22
318 aagatctgct agatcagct tgct
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322 <211> LENGTH: 21
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
329 <400> SEQUENCE: 23
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333 <210> SEQ ID NO: 24
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335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence: target IAC DNA for the
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341 <400> SEQUENCE: 24
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344 gtggtgttta cgaaggtttt acgttttccc gtatcccctt tcgttttcat ccagtctttg
346 acaagctgac tctagcagat ctt
349 <210> SEQ ID NO: 25
350 <211> LENGTH: 149
351 <212> TYPE: DNA
352 <213> ORGANISM: Artificial
354 <220> FEATURE:
355 <223> OTHER INFORMATION: Description of Artificial Sequence: reference IAC DNA for
the RRS
356 gen
358 <400> SEQUENCE: 25
359 cgttgccagc ttgcgcgctt cggacgttcg ccaattttcg cctcccacgt ctcaccgagc
361 gtggtgttta cgaaggtttt acgttttccc gtatcccctt tcgttttcat ccagtctttg
363 acaatcggct tgcagatggg cttgccttc

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